Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_Section\_\_\_-\_\_\_

**Multiplication of Decimals**

Show all your work on this page.

Complete all problems 1-8.

1. 1.3 x 86
2. 3.8 x 1.7
3. 40.2 x 2.6
4. 10.75 x 9.1
5. 20.94 x 0.36
6. 32 x 0.003
7. 1.13 x 11.3
8. 18.5 x 18.5

Choose AT LEAST TWO of the following problems to complete. You can do more!

1. Chikako needs 12.8 meters of silk to make a kimono. It costs $8.95 per meter. How much will she have to pay?
2. A machine uses 4.75 L of fuel each hour. At that rate, how many liters of fuel will be used in 6.5 hours?
3. In 1960, the average speed for a passenger aircraft was 235.5 miles per hour. By 1978 the average speed was 1.74 times that amount. What was the average speed rounded to the nearest tenth of a mile in 1978?
4. Al’s butcher shop sells chicken at $1.12 per kilogram and hamburger at $2.38 per kilogram. If you were having a party and needed 12.75 kilos of chicken and 13.5 kilos of hamburger, how much would you pay in total?
5. A survey showed that 0.47 of Crown Point’s economy is related to tourism. If Crown Point’s annual retail sales total $10,200,00 then how much money is spent by tourists in 5 ½ years?
6. Britney set a goal of running 1.75 kilometers every time she runs and she is starting today. If today is Tuesday, September 1, 2009 and she runs every other day, how many kilometers did she run total in the month of September?